



SEQUENCE LISTING

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<120> COMPOSITIONS AND METHODS FOR INDUCTION
OF ACTIVE AUTOIMMUNITY

<130> THI-001

<140> 09/852,976

<141> 2001-05-10

<150> US 60/204,191

<151> 2000-05-11

<150> PCT/US00/12997

<151> 2000-05-11

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 338

<212> PRT

<213> Homo sapiens

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Glu	Thr	Gly	Arg	Gln	Leu	Leu	Asp	Glu	Val	Glu	Val	Ala	Thr	Glu	Pro
			20					25					30		
Ala	Gly	Ser	Arg	Ile	Val	Gln	Glu	Lys	Val	Phe	Lys	Gly	Leu	Asp	Leu
		35					40					45			
Leu	Glu	Lys	Ala	Ala	Glu	Met	Leu	Ser	Gln	Leu	Asp	Leu	Phe	Ser	Arg
	50					55					60				
Asn	Glu	Asp	Leu	Glu	Glu	Ile	Ala	Ser	Thr	Asp	Leu	Lys	Tyr	Leu	Leu
65				70						75				80	
Val	Pro	Ala	Phe	Gln	Gly	Ala	Leu	Thr	Met	Lys	Gln	Val	Asn	Pro	Ser
			85					90					95		
Lys	Arg	Leu	Asp	His	Leu	Gln	Arg	Ala	Arg	Glu	His	Phe	Ile	Asn	Tyr
		100					105						110		
Leu	Thr	Gln	Cys	His	Cys	Tyr	His	Val	Ala	Glu	Phe	Glu	Leu	Pro	Lys
	115					120						125			
Thr	Met	Asn	Asn	Ser	Ala	Glu	Asn	His	Thr	Ala	Asn	Ser	Ser	Met	Ala
	130					135					140				
Tyr	Pro	Ser	Leu	Val	Ala	Met	Ala	Ser	Gln	Arg	Gln	Ala	Lys	Ile	Gln
145					150					155				160	
Arg	Tyr	Lys	Gln	Lys	Lys	Glu	Leu	Glu	His	Arg	Leu	Ser	Ala	Met	Lys
			165					170					175		
Ser	Ala	Val	Glu	Ser	Gly	Gln	Ala	Asp	Asp	Glu	Arg	Val	Arg	Glu	Tyr
		180					185					190			
Tyr	Leu	Leu	His	Leu	Gln	Arg	Trp	Ile	Asp	Ile	Ser	Leu	Glu	Glu	Ile
	195					200						205			
Glu	Ser	Ile	Asp	Gln	Glu	Ile	Lys	Ile	Leu	Arg	Glu	Arg	Asp	Ser	Ser
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<211> 133
<212> PRT
<213> Mus musculus
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          20                      25              30
Ser Ser Met Val Lys Phe His Cys Tyr Thr Asn His Ser Gly Ala Leu
      35                  40              45
Thr Trp Phe Arg Lys Arg Gly Ser Gln Gln Pro Gln Glu Leu Val Ser
    50                  55              60
Glu Glu Gly Arg Ile Val Gln Thr Gln Asn Gly Ser Val Tyr Thr Leu
65                      70              75              80
Thr Ile Gln Asn Ile Gln Tyr Glu Asp Asn Gly Ile Tyr Phe Cys Lys
            85                  90              95
Gln Lys Cys Asp Ser Ala Asn His Asn Val Thr Asp Ser Cys Gly Thr
        100                  105              110
Glu Leu Leu Val Leu Gly Phe Ser Thr Leu Asp Gln Leu Lys Arg Arg
       115                  120              125
Asn Thr Leu Lys Asp
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